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1103326-0560  
BOX SIZE Q.  
1209/99

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Hans Carlsson et al.

**RECEIVED**

Serial No. : 09/308,435

DEC 01 1999

Filed : May 19, 1999

TECH CENTER 1600/2900

For : VACCINE DELIVERY SYSTEM AND METHOD OF  
PRODUCTION

Examiner : S. Devi

Group Art Unit : 1641

I hereby certify that this paper is being deposited  
with the United States Postal Service  
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addressed to:

BOX SEQUENCE  
Assistant Commissioner for Patents  
Washington, D.C. 20231.

Thelma A. Chen Cleland 40,948  
Name PTO Reg. No.

Thelma A. Chen Cleland 11/23/99  
Signature Date of Signature

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**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS  
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE  
SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

**BOX SEQUENCE**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This is a response to the Notice to Comply mailed on October 26, 1999, regarding the Sequence Listing in the above-identified application. A copy of the Notice to Comply is enclosed.

In compliance with 37 CFR §§ 1.821-1.825, enclosed is a computer readable copy of the Sequence Listing for this application. The content of the computer readable copy of the Sequence Listing submitted herewith is identical to that of the paper copy filed with the application.

Applicants assert that no new matter has been introduced in this submission.

The Assistant Commissioner is hereby authorized to charge any required fees due with this communication to Deposit Account 23-1703.

Applicants respectfully request favorable consideration and entry hereof.

Dated: November 23, 1999

Respectfully submitted,

*Thelma A. Chen Cleland*

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Thelma A. Chen Cleland  
Reg. No. 40,948

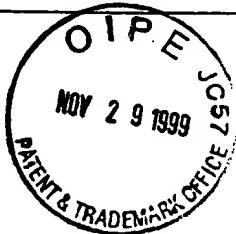
White & Case LLP  
Patent Department  
1155 Avenue of the Americas  
New York, New York 10036  
(212) 819-8515

**Enclosures**



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
09/308,435	05/19/99	Carlsson	1103326-0560



EXAMINER	
S. Devi, Ph.D.	
ART UNIT	PAPER NUMBER
1641	4
DATE MAILED:	

Please find below a communication from the EXAMINER in charge of this application  
Commissioner of Patents

- 1) This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 C.F.R 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 C.F.R 1.821 through 1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures.
- 2) APPLICANT IS GIVEN A ONE MONTH EXTENDABLE PERIOD OF TIME FROM THE DATE OF THIS LETTER WITHIN WHICH TO COMPLY WITH THE SEQUENCE RULES, 37 C.F.R 1.821 - 1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 C.F.R 1.821(g). Extensions of time may be obtained under the provisions of 37 C.F.R 1.136. In no case may an Applicant extend the period of reply beyond the SIX MONTH statutory period. Applicant is requested to return a copy of the attached Notice to Comply with the response.
- 3) Any inquiry concerning this communication or earlier communications from the Examiner should be directed to S. Devi whose telephone number is (703) 308-9347. The Examiner can normally be reached on Monday to Friday from 7.45 a.m to 4.15 p.m. A message may be left on the Examiner's voice mail system.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, James Housel, can be reached on (703) 308-4027. The fax phone number for this Group is (703) 308-4242.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0196.

October 1999

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*James C. Housel*  
JAMES C. HOUSEL 10/25/99  
SUPERVISORY PATENT EXAMINER

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- 
- 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
  - 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
  - 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
  - 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
  - 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
  - 6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
  - 7. Other: \_\_\_\_\_

**Applicant Must Provide:**

- An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

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**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE**